Author index

Volume 150 (1994)

Airoldi, L. 150, 121 Alborghetti, F. 150, 197, 259 Alessio, L. 150, 129

Alinovi, R. 150, 149 Apostoli, P. 150, 129

Arsuffi, E. 150, 121

Bacis, M. 150, 111, 121, 133 Baj, A. 150, 117

Barberis, M. 150, 77

Barbic, F. 150, 105, 225 Bay, A. 150, 111

Bedogni, L. 150, 145

Belotti, L. 150, 187, 197

Bergamaschi, E. 150, 149

Bernabeo, F. 150, 111

Bianchi, S. 150, 249

Binderup, M.L. 150, 217

Bocchi, M.C. 150, 149

Borleri, D. 150, 105, 179 Botta, G.C. 150, 141

Caironi, M. 150, 121, 197, 253

Candela, S. 150, 145

Canesi, M. 150, 249

Carniti, A. 150, 249

Cassani, L. 150, 223

Cassina, G. 150, 187

Cereda, C. 150, 249

Chamberlin, R.I. 150, 55

Chiappino, G. 150, 65

Christensen, J.M. 150, 95

Cirla, A.M. 150, 85

Colombo, F. 150, 179 Colombo, E. 150, 117

Cortona, G. 150, 117

D'Adda, F. 150, 105, 179, 187

Data, P.G. 150, 215

Della Torre, F. 150, 223

Demedts, M. 150, 57

Devos, S. 150, 233

Di Giulio, C. 150, 215

Dyne, D. 150, 209

Edel, J. 150, 153, 233

Eisen, E.A. 150, 55

Ferdenzi, O. 150, 149 Ferdenzi, P. 150, 245

Ferrari, M.T. 150, 197, 253

Ferretti, G. 150, 161

Ferri, F. 150, 145

Forni, A. 150, 41, 69

Fraioli, P. 150, 77

Franchini, I. 150, 149

Gaffuri, G. 150, 173

Gallorini, M. 150, 153, 231

Giaroli, C. 150, 149, 245

Greene, R.E. 150, 55

Hamilton, E.I. 150, 7

lezzi, M. 150, 215

Imbrogno, P. 150, 121, 259

Innocenti, A. 150, 219

Lauwerys, R. 150, 1

Lebbolo, E. 150, 253

Leghissa, P. 150, 121, 133, 187, 197, 253

Lewis, C.P.L. 150, 57

Lison, D. 150, 1

Luzzana, G. 150, 121

Maccarana, G. 150, 121

Maggi, L. 150, 197

Mariano, A. 150, 219

Medolago, G. 150, 179

Michetti, G. 150, 173, 187, 225

- Michetti, L. 150, 173
- Migliori, M. 150, 173, 179, 187, 225
- Mineo, F. 150, 245
- Minoia, C. 150, 41, 263
- Morelli, L. 150, 215
- Mori, P. 150, 245
- Mosconi, G. 150, 41, 105, 111, 121, 133, 153, 173, 179, 187,
- 263
- Motta, T. 150, 187
- Musitelli, O. 150, 187
- Nemery, B. 150, 57
- Nicoli, E. 150, 161
- Nordberg, G. 150, 201
- Oliver, L.C. 150, 55
- Parigi, P.C. 150, 121, 253
- Pedroni, C. 150, 245
- Piazzolla, S. 150, 197, 253
- Piccinini, R. 150, 145, 245
- Pietra, R. 150, 41, 77, 153, 223, 231, 233
- Pisati, G. 150, 167
- Polini, S. 150, 121
- Ponzetti, C. 150, 141
- Porru, S. 150, 129
- Poulsen, O.M. 150, 95
- Pozzi, G. 150, 233
- Quaianni, T. 150, 117
- Ravasio, G. 150, 121
- Redaelli, M.L. 150, 249 Reviglione, L. 150, 141

- Ricci, R. 150, 245
- Rivolta, G. 150, 161
- Rizzato, G. 150, 77
- Sabbioni, E. 150, 41, 77, 133, 153, 187, 223, 231, 233, 263
- Sala, C. 150, 111 Sala, O. 150, 111, 145, 245
- Sartorelli, P. 150, 219
- Scansetti, G. 150, 41, 141
- Scarpazza, G. 150, 223
- Segale, M. 150, 223
- Seghizzi, P. 150, 105, 179, 187, 263 Sesana, G. 150, 117
- Silva, T. 150, 197 Spinelli, P. 150, 141
- Sprince, N.L. 150, 55
- Storto, T. 150, 197
- Suardi, R. 150, 197
- Tartaglia, G.P. 150, 231
- Tomasini, M. 150, 161
- Veronesi, C. 150, 245
- Villa, R. 150, 173
- Virotta, G. 150, 179
- Vitali, M.T. 150, 133
- Wassermann, K. 150, 217
- Wätjen, U. 150, 231
- White, M.A. 150, 209
- Zanelli, R. 150, 173, 225
- Zedda, S. 150, 167

The Science of the Total Environment 150 (1994) 273-278

the Science of the Total Environment

Subject index

Volume 150 (1994)

Acute; Cobalt administration; Chronic; Carotid body; Receptor responses; Ultrastructure and morphometry 150, 215

Adenine; Cobalt; Genotoxicity; Salmonella typhimurium 150,

Airborne cobalt determination; Cobalt exposure; Hard metal tools; Urine; Cobalt 150, 117

Alveolitis; Asthma; Interstitial lung disease; Pulmonary fibrosis; Cobalt; Hard metal 150, 65

Alveolitis; Bronchoalveolar lavage; BAL; Hard metal disease; Hard metal asthma 150, 69

Animals; Cobalt; Geochemistry; Biochemistry; Methods; Water; Plants; Man; Occupational exposure; Health and disease 150.7

Asthma; Interstitial lung disease; Alveolitis; Pulmonary fibrosis; Cobalt; Hard metal 150, 65

BAL; Bronchoalveolar lavage; Hard metal disease; Hard metal asthma; Alveolitis 150, 69

Beer drinkers; Cobalt myocardiopathy; Review; Hard metal workers; Pathogenesis 150, 105

Bergamo province; Cobalt exposure; Industrial activities 150,

Biochemistry; Cobalt; Geochemistry; Methods; Water; Plants; Animals; Man; Occupational exposure; Health and disease 150, 7

Biological monitoring; Cobalt excretion; Kinetics; Cobalt in urine (CoU) 150, 133

Biological monitoring; Cobalt exposure; Primary prevention; Environmental monitoring; Widia tool grinding 150, 249 Biological monitoring; Cobalt sharpener operation 150, 259

Biological monitoring; Cobalt; Occupational exposure 150,

Biological monitoring; Cobalt; Pottery plate painters; Health effects 150, 95

Biological monitoring; Cobalt; Stellite; Welders 150, 145

Biological monitoring; Cobalt; Urinary excretion; Kinetics 150, 129

Biological specimens; Hard metals; Neutron activation analysis; Cobalt; Tungsten; Tantalum 150, 41

Biomonitoring; Cobalt; Hard metal disease; Mechanisms of toxicity; Diagnosis and health; Surveillance; Health effects 150, 263

Bronchoalveolar lavage; BAL; Hard metal disease; Hard metal asthma; Alveolitis 150, 69

Bronchoalveolar lavage; Hard metal disease; Interstitial lung fibrosis; Neutronic activation analysis 150, 223

Bronchonveolar lavage; Hard metal grinding; Fibrosing alveolitis; Cobalt exposure 150, 225

Bronchoalveolar lavage; Interstitial lung diseaes; Hard metal disease; Pneumoconiosis; Cobalt 150, 173

Brush-border antigens; Cobalt; Nephrotoxicity; Proteinuria 150, 149

Carbon monoxide transfer coefficient; Cobalt exposure; Interstitial lung disease 150, 197

Cardiac function; Cobalt myocardiopathy; Radionuclide angiocardiography; Hard metal disease; Hard metal workers 150, 179

Caretid body; Cobalt administration; Acute; Chronic; Receptor responses; Ultrastructure and morphometry 150, 215

Cell cultures; Cobalt; Metabolism; Rats; Radiotracers 150, 233

Chromium; Cobalt; Dental prostheses 150, 253

Chronic; Cobalt administration; Acute; Carotid body; Receptor responses; Ultrastructure and morphometry 150, 215

Cobalt; Asthma; Interstitial lung disease; Alveolitis; Pulmonary fibrosis: Hard metal 150, 65

Cobalt; Bronchoalveolar lavage; Interstitial lung diseaes; Hard metal disease: Pneumoconiosis 150, 173

Cobalt; Chromium; Dental prostheses 150, 253

Cobalt; Cobalt exposure; Hard metal tools; Airborne cobalt determination; Urine 150, 117

Cobalt; Exposure; Health effects; Dose response data; Risks 150, 201

Cobalt; Genotoxicity; Salmonella typhimurium; Adenine 150, 217

Cobalt; Geochemistry; Biochemistry; Methods; Water; Plants; Animals; Man; Occupational exposure; Health and disease 150, 7

Cobalt; Hard metal disease; Biomonitoring; Mechanisms of toxicity; Diagnosis and health; Surveillance; Health effects 150, 263

Cobalt; Hard metal industry; Skin absorption; Urinary excretion 150, 141

Cobalt; Hard metal; Neutron activation analysis; Nuclear reactor; Pneumoconiosis; Tantalum; Titanium; Tungsten carbide; Sarcoidosis; Differential diagnosis 150, 77

Cobalt; Hard metals; Biological specimens; Neutron activation analysis; Tungsten; Tantalum 150, 41

Cobalt; Metabolism; Rats; Cell cultures; Radiotracers 150, 233

Cobalt: Nephrotoxicity; Proteinuria; Brush-border antigens 150, 149

Cobalt; Neutron activation analysis; PIXE; MicroPIXE; Hard metal pneumoconosis; Tungsten 150, 231

Cobalt; Occupational asthma; Follow-up 150, 167

Cobalt; Occupational exposure; Biological monitoring 150,

Cobalt; Oxidative stress; Diamond polishing; Pulmonary toxicity occupational lung disease 150, 57

Cobalt; Pottery plate painters; Biological monitoring; Health effects 150, 95

Cobalt; Speciation; Urine; Hard metals; Neutron activation analysis 150, 153

Cobalt; Stellite; Welders; Biological monitoring 150, 145

Cohalt; Tungsten carbide; Interaction; Hard metals; Lung; Skin 150 l

Cobalt; Tungsten carbide; Interstitial lung disease 150, 55

Cobalt; Urinary excretion; Kinetics; Biological monitoring 150, 129

Cobalt administration; Acute; Chronic; Carotid body; Receptor responses: Ultrastructure and morphometry 150, 215

Cobalt asthma; Cobalt-specific IgG; Cobalt immunology; Eosinophils 150, 85

Cobalt dusts; Hard metal; Local ventilation; Control strategies 150, 111

Cobalt excretion; Kinetics; Cobalt in urine (CoU); Biological monitoring 150, 133

Cobalt exposure; Granite cutting diamond wheels; Sintering; Health surveillance 150, 245

Cobalt exposure; Hard metal grinding; Bronchoalveolar lavage; Fibrosing alveolitis 150, 225

Cobalt exposure; Hard metal tools; Airborne cobalt determination; Urine; Cobalt 150, 117

Cobalt exposure; Industrial activities; Bergamo province 150, 121

Cobalt exposure; Interstitial lung disease; Carbon monoxide transfer coefficient 150, 197

Cobalt exposure; Primary prevention; Biological monitoring; Environmental monitoring; Widia tool grinding 150, 249

Cobalt immunology; Cobalt asthma; Cobalt-specific IgG; Eosinophils 150, 85

Cobalt in urine (CoU); Cobalt excretion; Kinetics; Biological monitoring 150, 133

Cobalt myocardiopathy; Cardiac function; Radionuclide angiocardiography; Hard metal disease; Hard metal workers 150, 179

Cobalt myocardiopathy; Review; Beer drinkers; Hard metal workers; Pathogenesis 150, 105

Cobalt sharpener operation; Biological monitoring 150, 259

Cobalt-specific IgG; Cobalt asthma; Cobalt immunology; Eosinophils 150, 85

Control strategies; Hard metal; Cobalt dusts; Local ventilation 150, 111

Dental prostheses; Cobalt; Chromium 150, 253

Diagnosis and health; Cobalt; Hard metal disease; Biomonitoring; Mechanisms of toxicity; Surveillance; Health effects 150, 263

Diamond polishing; Cobalt; Oxidative stress; Pulmonary toxicity occupational lung disease 150, 57

Differential diagnosis; Hard metal; Neutron activation analysis; Nuclear reactor; Pneumoconiosis; Cobalt; Tantalum; Titanium; Tungsten carbide; Sarcoidosis 150, 77

Dose response data; Cobalt; Exposure; Health effects; Risks 150, 201

Environmental monitoring; Cobalt exposure; Primary prevention; Biological monitoring; Widia tool grinding 150, 249

Eosinophils; Cobalt asthma; Cobalt-specific IgG; Cobalt immunology 150, 85

Evolution; Hard metal pulmonary fibrosis; Working conditions; Therapy 150, 219

Exposed workers; Hard metal dusts; Physical examination 150, 161

Exposure; Cobalt; Health effects; Dose response data; Risks 150, 201

Fibrosing alveolitis; Hard metal grinding; Bronchoalveolar lavage; Cobalt exposure 150, 225

Follow-up; Occupational asthma; Cobalt 150, 167

Genotoxicity; Cobalt; Salmonella typhimurium; Adenine 150, 217

Geochemistry; Cobalt; Biochemistry; Methods; Water; Plants; Animals; Man; Occupational exposure; Health and disease 150, 7 Granite cutting diamond wheels; Sintering; Cobalt exposure; Health surveillance 150, 245

Hard metal; Asthma; Interstitial lung disease; Alveolitis; Pulmonary fibrosis: Cobalt 150, 65

Hard metal; Cobalt dusts; Local ventilation; Control strategies 150, 111

Hard metal; Neutron activation analysis; Nuclear reactor; Pneumoconiosis; Cobalt; Tantalum; Titanium; Tungsten carbide; Sarcoidosis; Differential diagnosis 150, 77

Hard metal asthma; Bronchoalveolar lavage; BAL; Hard metal disease; Alveolitis 150, 69

Hard metal disease; Bronchoalveolar lavage; BAL; Hard metal asthma; Alveolitis 150, 69

Hard metal disease; Bronchoalveolar lavage; Interstitial lung disease; Pneumoconiosis; Cobalt 150, 173

Hard metal disease; Cardiac function; Cobalt myocardiopathy; Radionuclide angiocardiography; Hard metal workers 150,

Hard metal disease; Cobalt; Biomonitoring; Mechanisms of toxicity; Diagnosis and health; Surveillance; Health effects 150, 263

Hard metal disease; Interstitial lung fibrosis; Neutronic activation analysis; Bronchoalveolar layage 150, 223

Hard metal dusts; Exposed workers; Physical examination 150, 161

Hard metal grinding; Bronchoalveolar lavage; Fibrosing alveolitis; Cobalt exposure 150, 225

Hard metal industry; Cobalt; Skin absorption; Urinary excretion 150, 141

Hard metal pneumoconosis; Neutron activation analysis; PIXE; MicroPIXE; Cobalt; Tungsten 150, 231

Hard metal pulmonary fibrosis; Evolution; Working conditions; Therapy 150, 219

Hard metal tools; Cobalt exposure; Airborne cobalt determination; Urine; Cobalt 150, 117

Hard metal workers; Cardiac function; Cobalt myocardiopathy; Radionuclide angiocardiography; Hard metal disease 150, 179

Hard metal workers; Cobalt myocardiopathy; Review; Beer drinkers; Pathogenesis 150, 105

Hard metals; Biological specimens; Neutron activation analysis; Cobalt; Tungsten; Tantalum 150, 41

Hard metals; Cobalt; Speciation; Urine; Neutron activation analysis 150, 153

Hard metals; Cobalt; Tungsten carbide; Interaction; Lung; Skin 150. l

Health and disease; Cobalt; Geochemistry; Biochemistry; Methods; Water; Plants; Animals; Man; Occupational exposure 150, 7

Health effects; Cobalt; Exposure; Dose response data; Risks 150, 201

Health effects; Cobalt; Hard metal disease; Biomonitoring; Mechanisms of toxicity; Diagnosis and health; Surveillance 150, 263

Health effects; Cobalt; Pottery plate painters; Biological monitoring 150, 95

Health surveillance; Granite cutting diamond wheels; Sintering; Cobalt exposure 150, 245

Industrial activities; Cobalt exposure; Bergamo province 150, 121

Interaction; Cobalt; Tungsten carbide; Hard metals; Lung; Skin 150. |

Interstitial lung diseaes; Bronchoalveolar lavage; Hard metal disease: Pneumoconiosis; Cobalt 150, 173

Interstitial lung disease; Asthma; Alveolitis; Pulmonary fibrosis; Cobalt; Hard metal 150, 65

Interstitial lung disease; Cobalt exposure; Carbon monoxide transfer coefficient 150, 197

Interstitial lung disease; Cobalt; Tungsten carbide 150, 55

Interstitial lung fibrosis; Hard metal disease; Neutronic activation analysis; Bronchoalveolar lavage 150, 223

Kineties; Cobalt excretion; Cobalt in urine (CoU); Biological monitoring 150, 133

Kineties; Cobalt; Urinary excretion; Biological monitoring 150, 129

Local ventilation; Hard metal; Cobalt dusts; Control strategies 150, 111

Lung; Cobalt; Tungsten carbide; Interaction; Hard metals; Skin 150, 1

Man; Cobalt; Geochemistry; Biochemistry; Methods; Water; Plants; Animals; Occupational exposure; Health and disease 150, 7

Mechanisms of toxicity; Cobalt; Hard metal disease; Biomonitoring; Diagnosis and health; Surveillance; Health effects. 150, 263

Metabolism; Cobalt; Rats; Cell cultures; Radiotracers 150, 233

Methods; Cobalt; Geochemistry; Biochemistry; Water; Plants; Animals; Man; Occupational exposure; Health and disease 150. 7

MicroPIXE; Neutron activation analysis; PIXE; Hard metal pneumoconosis; Cobalt; Tungsten 150, 231

Nephrotoxicity; Cobalt; Proteinuria; Brush-border antigens 150, 149

Neutron activation analysis; Cobalt; Speciation; Urine; Hard metals 150, 153

Neutron activation analysis; Hard metal; Nuclear reactor; Pneumoconiosis; Cobalt; Tantalum; Titanium; Tungsten carbide; Sarcoidosis; Differential diagnosis 150, 77

Neutron activation analysis; Hard metals; Biological specimens; Cobalt; Tungsten; Tantalum 150, 41

Neutron activation analysis; PIXE; MicroPIXE; Hard metal pneumoconosis; Cobalt; Tungsten 150, 231

Neutronic activation analysis; Hard metal disease; Interstitial lung fibrosis; Bronchoalveolar lavage 150, 223

Nuclear reactor; Hard metal; Neutron activation analysis; Pneumoconiosis; Cobalt; Tantalum; Titanium; Tungsten carbide; Sarcoidosis; Differential diagnosis 150, 77

Occupational asthma; Cobalt; Follow-up 150, 167

Occupational exposure; Cobalt; Biological monitoring 150, 209

Occupational exposure; Cobalt; Geochemistry; Biochemistry; Methods; Water; Plants; Animals; Man; Health and disease 150, 7

Oxidative stress; Cobalt; Diamond polishing; Pulmonary toxicity occupational lung disease 150, 57

Pathogenesis; Cobalt myocardiopathy; Review; Beer drinkers; Hard metal workers 150, 105

Physical examination; Hard metal dusts; Exposed workers 150, 161

PIXE; Neutron activation analysis; MicroPIXE; Hard metal pneumoconosis; Cobalt; Tungsten 150, 231

Plants; Cobalt; Geochemistry; Biochemistry; Methods; Water; Animals; Man; Occupational exposure; Health and disease 150. 7

Pneumoconiosis; Bronchoalveolar lavage; Interstitial lung disease: Hard metal disease: Cobalt 150, 173

Pneumoconiosis; Hard metal; Neutron activation analysis; Nuclear reactor; Cobalt; Tantalum; Titanium; Tungsten carbide; Sarcoidosis; Differential diagnosis 150, 77

Pottery plate painters; Cobalt; Biological monitoring; Health effects 150, 95

Primary prevention; Cobalt exposure; Biological monitoring; Environmental monitoring; Widia tool grinding 150, 249

Proteinuria; Cobalt; Nephrotoxicity; Brush-border antigens 150, 149

Pulmonary fibrosis; Asthma; Interstitial lung disease; Alveolitis; Cobalt; Hard metal 150, 65

Pulmonary toxicity occupational lung disease; Cobalt; Oxidative stress; Diamond polishing 150, 57

Radionuclide angiocardiography; Cardiac function; Cobalt myocardiopathy; Hard metal disease; Hard metal workers 150, 179

Radiotracers; Cobalt; Metabolism; Rats; Cell cultures 150, 233

Rats; Cobalt; Metabolism; Cell cultures; Radiotracers 150, 233

Receptor responses; Cobalt administration; Acute; Chronic; Carotid body; Ultrastructure and morphometry 150, 215

Review; Cobalt myocardiopathy; Beer drinkers; Hard metal workers; Pathogenesis 150, 105

Risks; Cobalt; Exposure; Health effects; Dose response data 150, 201

Salmonella typhimurium; Cobalt; Genotoxicity; Adenine 150, 217

Sarcoidosis; Hard metal; Neutron activation analysis; Nuclear reactor; Pneumoconiosis; Cobalt; Tantalum; Titanium; Tungsten carbide; Differential diagnosis 150, 77

Sintering; Granite cutting diamond wheels; Cobalt exposure; Health surveillance 150, 245

Skin; Cobalt; Tungsten carbide; Interaction; Hard metals; Lung 150, 1

Skin absorption; Hard metal industry; Cobalt; Urinary excretion 150, 141

Speciation; Cobalt; Urine; Hard metals; Neutron activation analysis 150, 153

Stellite; Cobalt; Welders: Biological monitoring 150, 145

Surveillance; Cobalt; Hard metal disease; Biomonitoring; Mechanisms of toxicity; Diagnosis and health; Health effects 150, 263

Tantalum; Hard metal; Neutron activation analysis; Nuclear reactor; Pneumoconiosis; Cobalt; Titanium; Tungsten carbide; Sarcoidosis; Differential diagnosis 150, 77

Tantalum; Hard metals; Biological specimens; Neutron activation analysis; Cobalt; Tungsten 150, 41

Therapy; Hard metal pulmonary fibrosis; Evolution; Working conditions 150, 219

Titanium; Hard metal; Neutron activation analysis; Nuclear reactor; Pneumoconiosis; Cobalt; Tantalum; Tungsten carbide; Sarcoidosis; Differential diagnosis 150, 77

Tungsten; Hard metals; Biological specimens; Neutron activation analysis; Cobalt; Tantalum 150, 41

Tungsten; Neutron activation analysis; PIXE; MicroPIXE; Hard metal pneumoconosis; Cobalt 150, 231

Tungsten carbide; Cobalt; Interaction; Hard metals; Lung; Skin 150, 1

Tungsten carbide; Cobalt; Interstitial lung disease 150, 55

Tungsten carbide; Hard metal; Neutron activation analysis; Nuclear reactor; Pneumoconiosis; Cobalt; Tantalum; Titanium; Sarcoidosis; Differential diagnosis 150, 77

Ultrastructure and morphometry; Cobalt administration; Acute; Chronic; Carotid body; Receptor responses 150, 215

Urinary excretion; Cobalt; Kinetics; Biological monitoring 150, 129

Urinary excretion; Hard metal industry; Cobalt; Skin absorption 150, 141

Urine; Cobalt exposure; Hard metal tools; Airborne cobalt determination; Cobalt 150, 117

Urine; Cobalt; Speciation; Hard metals; Neutron activation analysis 150, 153

Water; Cobalt; Geochemistry; Biochemistry; Methods; Plants; Animals; Man; Occupational exposure; Health and disease 150, 7

Welders; Cobalt; Stellite; Biological monitoring 150, 145

Widia tool grinding; Cobalt exposure; Primary prevention; Biological monitoring; Environmental monitoring 150, 249

Working conditions; Hard metal pulmonary fibrosis; Evolution; Therapy 150, 219

